Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

System Internationale (SI or metric) prefixes

|  |  |  |
| --- | --- | --- |
| Prefix | Word | Number |
| Mega (M) | Million | 1,000,000 |
| Kilo (k) | Thousand | 1,000 |
| Hecto (h) | Hundred | 100 |
| Deka (da) | Ten | 10 |
| Base unit | One | 1 |
| Deci (d) | One tenth | .1 |
| Centi (c) | One hundredth | .01 |
| Mille (m) | One thousandth | .001 |
| Micro (µ) | One millionth | .000 001 |
| Nano (n) | One billionth | .000 000 001 |
| Pico (p) | One trillionth | .000 000 000 001 |

SI and American Unit Comparisons

**Length**

|  |  |  |  |
| --- | --- | --- | --- |
| American Unit | Abbreviation | SI unit | Comparison |
| Inch | in | Millemeter | 24.55 mm |
| Foot | ft | Meter | .305 m |
| Yard (=3 feet) | yd | Meter | .914 m |
| Mile | mi | Kilometer | 1.61 km |

**Volume**

|  |  |  |  |
| --- | --- | --- | --- |
| American Unit | Abbreviation | SI unit | Comparison |
| Teaspoon | tsp | milliliter | 4.93 mL |
| Tablespoon (=3 teaspoons) | tbsp. | milliliter | 14.79 mL |
| Fluid ounce (=2 tablespoons) | fl oz | milliliter | 29.57 mL |
| Cup (= 8 fluid ounces) | cp | milliliter | 236.59 mL |
| Pint (=2 cups) | pt | milliliter | 473.18 mL |
| Quart (= 2 pints) | qt | liter | .95 L |
| Gallon (=4 quarts) | gal | liter | 3.79 L |

**Mass**

|  |  |  |  |
| --- | --- | --- | --- |
| American Unit | Abbreviation | SI unit | Comparison |
| Ounce | oz | gram | 28.35 g |
| Pound (=16 oz) | lb. | gram | 453.59 g |
| Ton(=2000 lbs) | ton | kilogram | 907.18 kg |